



REXEL

**T300
THERMAL BINDER
220-240V**

***ILLUSTRATED PARTS LISTS
AND
SERVICE INSTRUCTIONS***

Compiled by

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Date

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PREFACE

SERVICE PREPARATION

This manual provides the instructions for the replacement of all the components that may become worn or damaged. Details of replacement parts and ordering information are given in associated illustrated parts list.

Illustrated Parts Lists	For each machine give full details of the replacement part numbers with supporting diagrams to show the location of the components.
Service Instructions	For each machine give the recommended servicing procedure with supporting pictorial diagrams for added clarity.

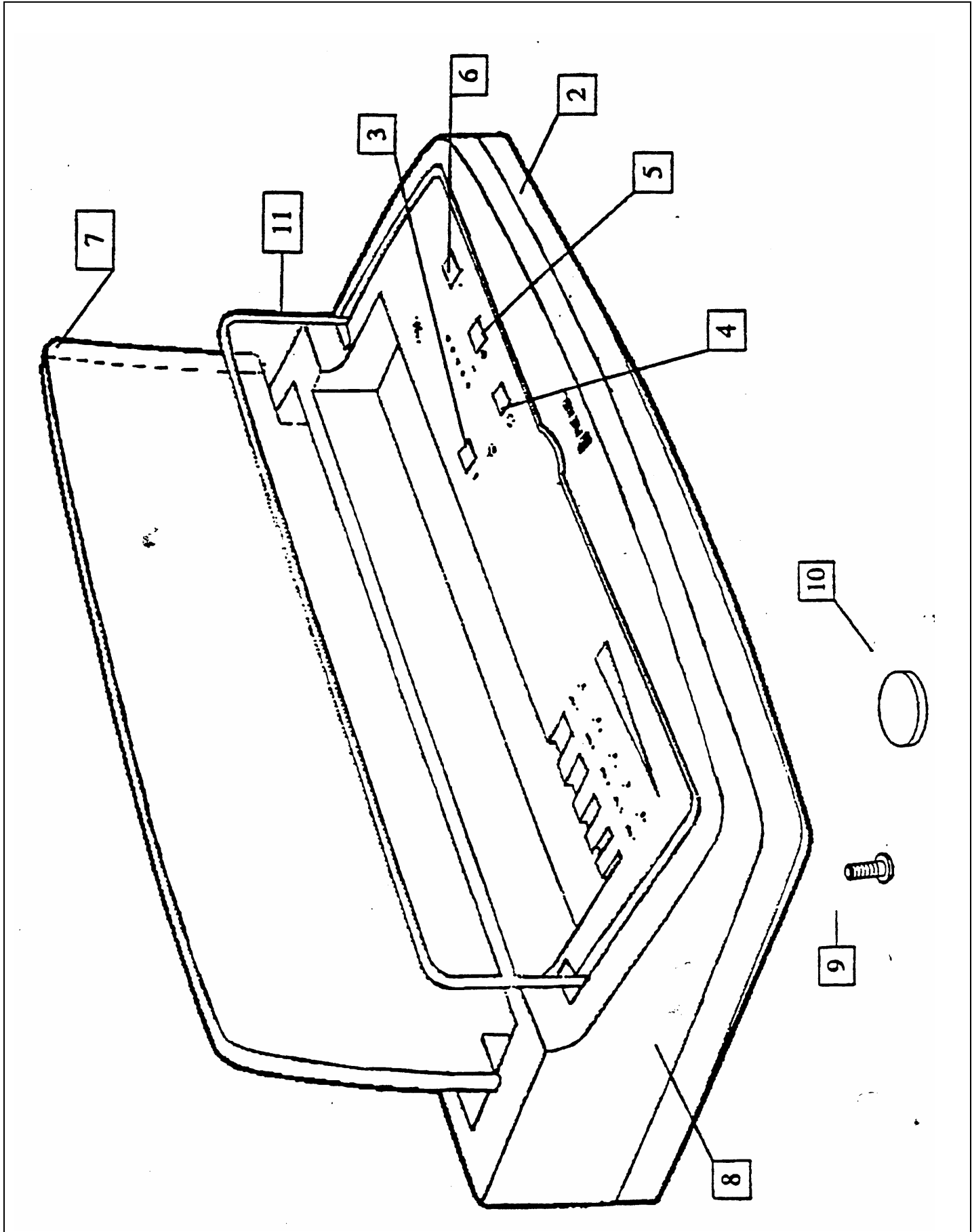
WARNING

1. Check the machine RATING PLATE DETAILS are compatible with the electrical mains supply.
2. Disconnect the electrical mains supply before removing any covers.
3. Upto serial number A545817, all machines must have a sound electrical earth connection.
From serial number A545818 all machines are double insulated and do not require an earth connection.

MOULDINGS

No	Description	Part	Qty	Comment
1	Service Call Decal	D000185	1	Not shown
2	Bottom Moulding	D52501	1	
3	On Button – Grey	D52507	1	
4	Off Button – Red	D52508	1	
5	Programme Select Button – Yellow	D52509	1	
6	Bind Button – Green	D52510	1	
7	Lid Pad Print	D52516	1	
8	Top Cover Pad Print	D52517	1	
9	No 4 x ½” Pan Plasfast Screw	SCR716	6	
10	Self Adhesive Rubber Feet	SL18-294	4	
11	Document Feet	D52519	1	
12	Spring Arm	D52512	1	Not shown
13	Coil Spring	D52518	1	Not shown

MOULDINGS

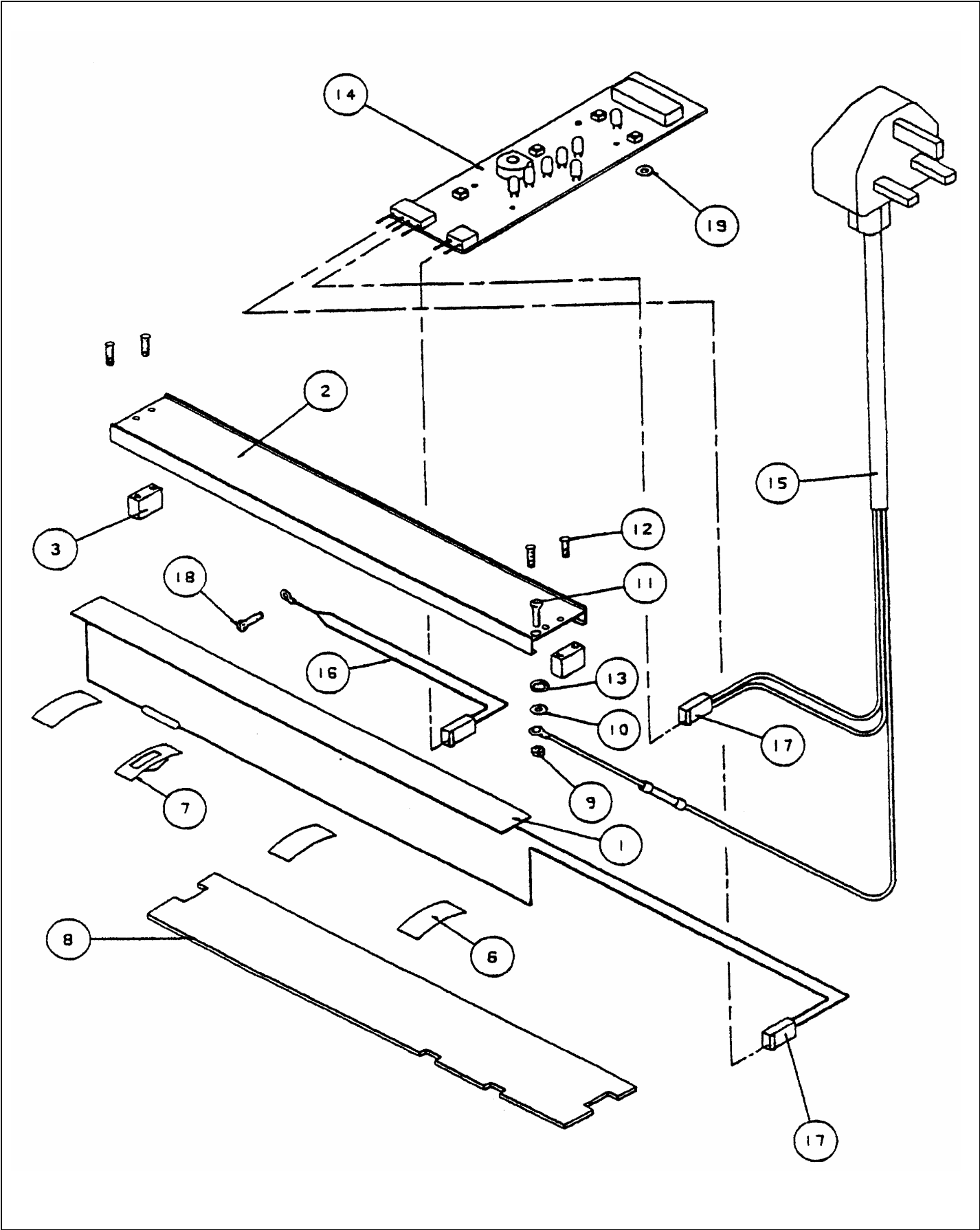


MECHANISM & ELECTRICS

N o	Description	Part	Qty	Comments
1	Heater Assembly 230V 600W	A52505	1	To Serial No A545817
	Heater Assembly 230V 600W	A52527	1	From Serial No A545818
2	Heater Extrusion	D52503	1	To Serial No A545817
	Heater Extrusion			From Serial No A545818 Inc in A52527
3	Heater Fixing Block	D52504	2	
4				
5				
6	Compression Spring (clip)	D52511	3	To Serial No A545817
7	Thermal Fuse Holder (Clip)	D52513		
	Thermal Fuse Holder (Clip)		4	From Serial No A545818 Inc in A52527
8	Base Insulation	D52514	1	
9	Nut Brass M3 Full	NM32	2	To Serial No A545817
10	M3 Plain Brass Washer	PLN34	1	To Serial No A545817
11	M3 x 12mm C'sunk slot head brass	SCM145	1	To Serial No A545817
12	M3 x 8 Pozi Pan Rec'd Plasform	SCR713	12	
13	M3 Plain Brass Washer	SHK12	1	To Serial No A545817
14	T300 Thermal Binder PCB 230V	SL17-262		To Serial No A545817
	T300 Thermal Binder PCB 230V	SL17-299	1	From Serial No A545818
15	Laminator Cordset UK	SL4-102	1	To Serial No A545817
	Laminator Cordset (Euro)	SL4-103	1	To Serial No A545817
	Laminator Cordset (Aust)	SL4-104	1	To Serial No A545817
	Laminator Cordset (Export)	SL4-106	1	To Serial No A545817
	Laminator Cordset (UK)	SL4-199	1	From Serial No A545818
	Laminator Cordset (Euro)	SL4-120	1	From Serial No A545818
	Laminator Cordset (SA)	SL4-120	1	From Serial No A545818 fitted with SL12-43 plug
16	Thermistor Assembly	SL17-268	1	To Serial No A545817
	Thermistor Assembly		1	From Serial No A545818 inc in A52527
17	Crimp Terminal Housings	SL13-66	2	
18	No 4 x 1/4" Self Tapper	SCR541	1	To serial No A545817
19	M3 Fibre Washer	FIB 1	4	

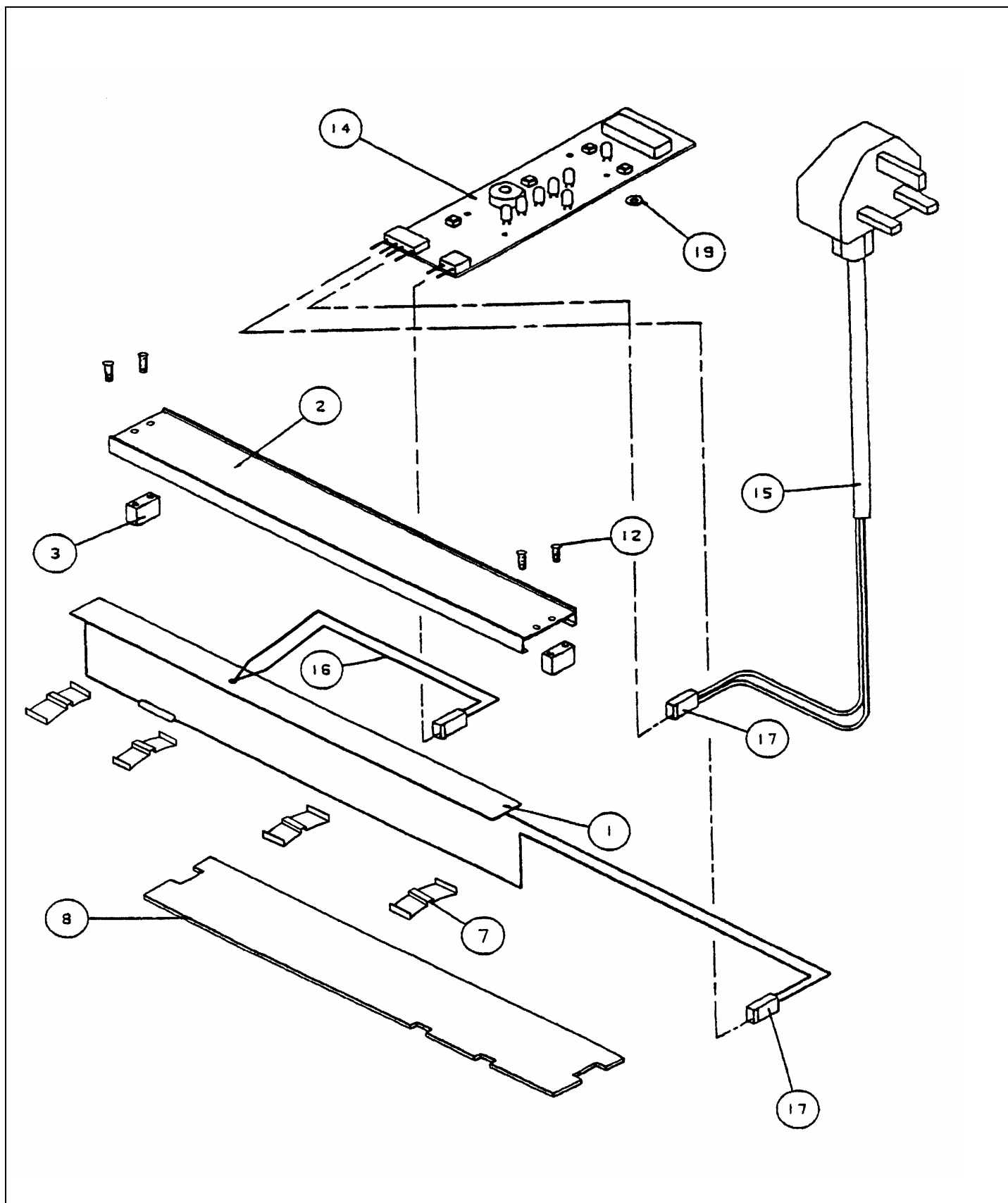
MECHANSIM & ELECTRICS

To Serial No A545817



MECHANISM & ELECTRICS

From Serial No A545818



SERVICE INSTRUCTIONS

This manual provides instructions for the replacement of components that may become worn or damaged.

WARNING

Check rating plate details are compatible with electric supply. Disconnect mains supply before removing cover.

SECTION 1.0 (To serial no A545817)

Replacement of Top Cover

1. Ensure that mains cable is disconnected from the supply.
2. Remove the two rubber feet that are on the left hand and right hand side, towards the front of the machine.
3. Remove the six fixing screws using a pozi drive screwdriver.
4. Lift base of machine away from top cover and place on a nearby flat surface.
5. The top cover should now remain face down.
6. Remove the four screws securing the PCB.
7. Remove the PCB, by unclipping the three crimp housings on the thermistor, mains connection and the heater.
8. Remove the four buttons.
9. Ensure document support bar is in down position on top cover.
10. Remove the spring that fixes the document support bar to the lever arm, by unhooking it from the screw boss, on the rear right hand side of the machine and place on one side.
11. Unhook the lever arm by pulling the lever upwards, towards, the inside of the cover; slide it over the end of the bar and place on one side.
12. Turn the top cover over, so that the document support bar is facing you.
13. Lift the document support bar upwards and squeeze the extended legs on the bar together.
14. Release bar and remove from top cover.
15. Replace top cover.
16. To reassemble machine reverse order of operations 1 – 12.

SECTION 2.0 (To serial no A545817)

Replace Lid Moulding

1. Remove lid from top cover, by bowing inwards to release hinge pins.
2. Replace lid.
3. Check that pivot pins are correctly aligned in top cover.
4. Check lid opens and closes correctly.

SECTION 2.1

a. Replacement of Heater Assembly

1. Carry out procedures 1 to 4 in section 1.0.
2. The heater assembly is secured to 2 off heater fixing blocks by four fixing screws.
3. Remove the four fixing screws.
4. Unclip heater wire and thermistor connectors from PCB assembly.
5. Lift and remove heater assembly complete.
6. To reassemble machine, reverse sequence of operation 1 to 5.

b. Replacement of Heater Assembly (Including Thermistor)

1. Carry out procedures 1 to 4 in section 1.0.
2. The heater assembly is secured to 2 off heater fixing blocks by four fixing screws.
3. Remove the four fixing screws.
4. Unclip heater wire thermistor and mains connector from PCB assembly.
5. Lift and remove heater assembly complete.
6. To reassemble machine, reverse sequence of operation 1 to 5.

SECTION 2.2

Replacement of Fixing Blocks

1. Carry out procedures 1 to 4 section 2.1
2. Turn base moulding upside down.
3. Remove service decal and rating plate.
4. Unscrew four fixing screws
5. Blocks can now be replaced
6. Reassemble machine in reverse sequence of operations 1 to 4.

SECTION 2.3

Replacement of insulation

1. Carry out procedures 1 to 4 section 2.1
2. Insulation is secured using double sided sticky tape.
3. Ease free sticky tape from insulation.
4. Remove and replace insulation.
5. Reassemble machine in reverse sequence of operations 1 to 3.

SECTION 2.4

Replacement of Base Moulding

1. Carry out procedures 1 to 5 section 2.1
2. The extrusion/heater assembly will now become free.
3. Place on one side.
4. Remove insulation as procedures 2 to 4 section 2.3
5. Replace base moulding.
6. Reassemble machine in reverse sequence of operations 1 to 4.

SECTION 3.0

Replacement of PCB

1. Carry out procedures 1 to 7 section 1.
2. Replace the PCB
3. Reassemble machine In reverse sequence.


SECTION 4.0

Replacement of document support bar/spring/lever arm

1. Carry out procedures 1 to 4 section 1.
2. To remove extension spring unhook from rear screw boss and lever arm.
3. Replace spring.
4. To remove lever arm carry out procedures 1 to 4 section 1, and then 9 to 11 section 1.
5. To remove document support bar, carry out procedures 1 to 5 section 1.0 and procedures 9 to 14 in section 1.0.
6. Replace document support bar.
7. Reassemble machine by reversing above operations.

SECTION 4.1

Replacement of Buttons

1. Carry out procedures 1 to 8 section 1.0.
2. Replace the buttons, making sure that the grey button is in the aperture marked 1, the red button is In the aperture marked 0, the yellow button is in the aperture marked ? and the green button in the aperture marked 
3. Reverse procedure 1 to reassemble machine.

SECTION 4.2

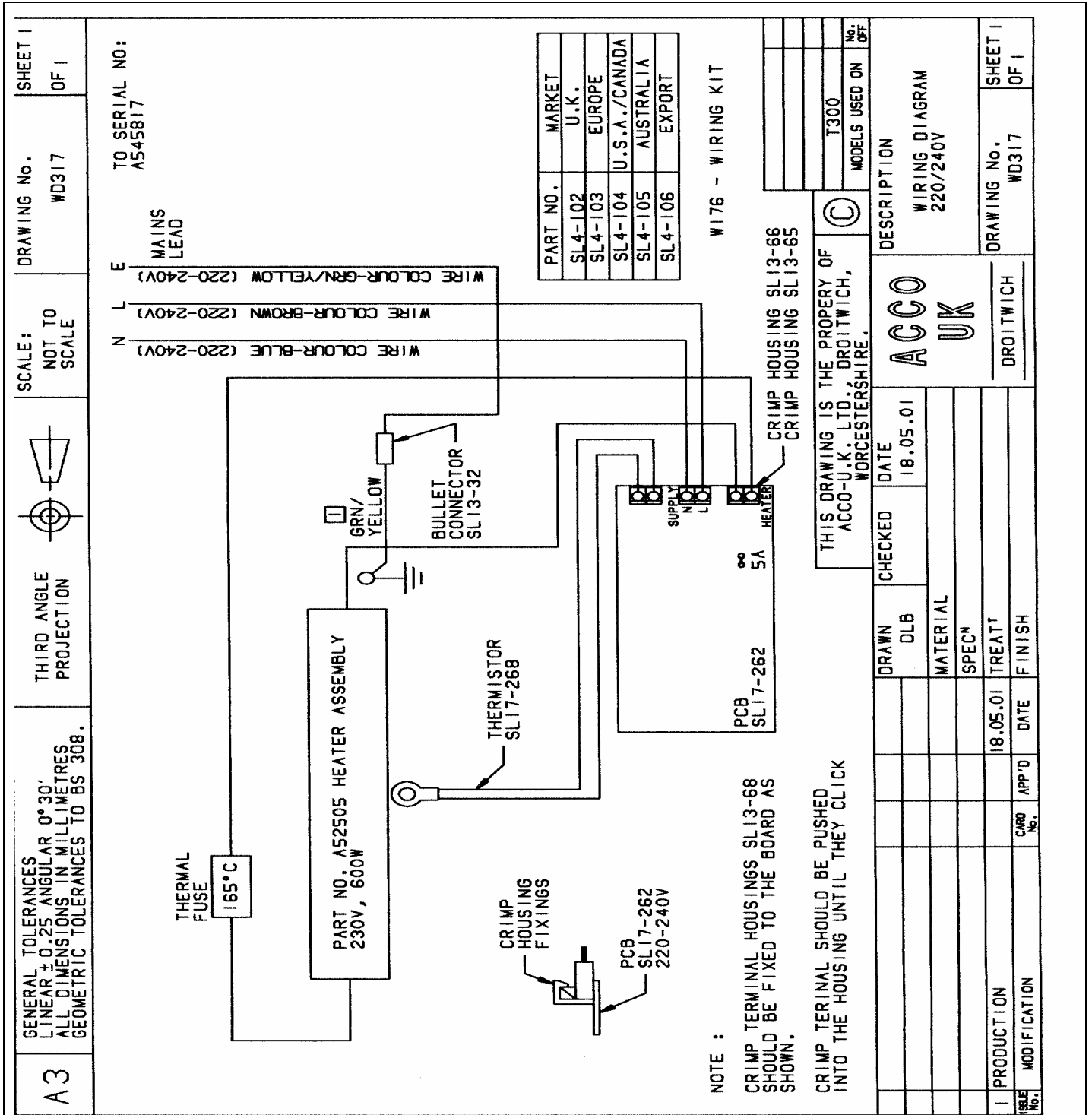
Replacement of Thermistor

1. Carry out procedures 1 to 4 section 2.1
2. Remove thermistor for connection on PCB.
3. The PCB may be removed to ease replacement. If required refer to section 1 produce 6.
4. Replace thermistor
5. Reverse assembly of operations 3 to 1 if PCB was removed, otherwise 2 to 1.

Section 5.0

WIRING DIAGRAM 220/240V WD317 TO SERIAL NO A545817

ILLUSTRATED PARTS MANUALS
T300 THERMAL BINDER
220-240V



SERVICE INSTRUCTIONS

This manual provides instructions for the replacement of components that may become worn or damaged.

WARNING

Check rating plate details are compatible with electric supply. Disconnect mains supply before removing cover.

SECTION 6.0 (From serial no A545818)

Replacement of Top Cover

17. Ensure that mains cable is disconnected from the supply.
18. Remove the two rubber feet that are on the left hand and right hand side, towards the front of the machine.
19. Remove the six fixing screws using a pozi drive screwdriver.
20. Lift base of machine away from top cover and place on a nearby flat surface.
21. The top cover should now remain face down.
22. Remove the four screws securing the PCB.
23. Remove the PCB, by unclipping the three crimp housings on the thermistor, mains connection and the heater.
24. Remove the four buttons.
25. Ensure document support bar is in down position on top cover.
26. Remove the spring that fixes the document support bar to the lever arm, by unhooking it from the screw boss, on the rear right hand side of the machine and place on one side.
27. Unhook the lever arm by pulling the lever upwards, towards, the inside of the cover; slide it over the end of the bar and place on one side.
28. Turn the top cover over, so that the document support bar is facing you.
29. Lift the document support bar upwards and squeeze the extended legs on the bar together.
30. Release bar and remove from top cover.
31. Replace top cover.
32. To reassemble machine reverse order of operations 1 – 12.

SECTION 7.0 (From serial no A545818)

Replace Lid Moulding

5. Remove lid from top cover, by bowing inwards to release hinge pins.
6. Replace lid.
7. Check that pivot pins are correctly aligned in top cover.
8. Check lid opens and closes correctly.

SECTION 7.1

a. Replacement of Heater Assembly (including Thermistor)

1. Carry out procedures 1 to 4 in section 6.0.
2. The heater assembly is secured to 2 off heater fixing blocks by four fixing screws.
3. Remove the four fixing screws.
4. Unclip heater wire/thermistor and mains connectors from PCB assembly.
5. Lift and remove heater assembly complete.
6. To reassemble machine, reverse sequence of operation 1 to 5.

SECTION 7.2

Replacement of Fixing Blocks

7. Carry out procedures 1 to 4 section 7.1
8. Turn base moulding upside down.
9. Remove service decal and rating plate.
10. Unscrew four fixing screws
11. Blocks can now be replaced
12. Reassemble machine in reverse sequence of operations 1 to 4.

SECTION 7.3

Replacement of insulation

6. Carry out procedures 1 to 4 section 7.1
7. Insulation is secured using double sided sticky tape.
8. Ease free sticky tape from insulation.
9. Remove and replace insulation.
10. Reassemble machine in reverse sequence of operations 1 to 3.

SECTION 7.4

Replacement of Base Moulding

7. Carry out procedures 1 to 5 section 7.1
8. The extrusion/heater assembly will now become free.
9. Place on one side.
10. Remove insulation as procedures 2 to 4 section 7.3
11. Replace base moulding.
12. Reassemble machine in reverse sequence of operations 1 to 4.

SECTION 8.0

Replacement of PCB

4. Carry out procedures 1 to 7 section 6.
5. Replace the PCB
6. Reassemble machine In reverse sequence.


SECTION 9.0

Replacement of document support bar/spring/lever arm

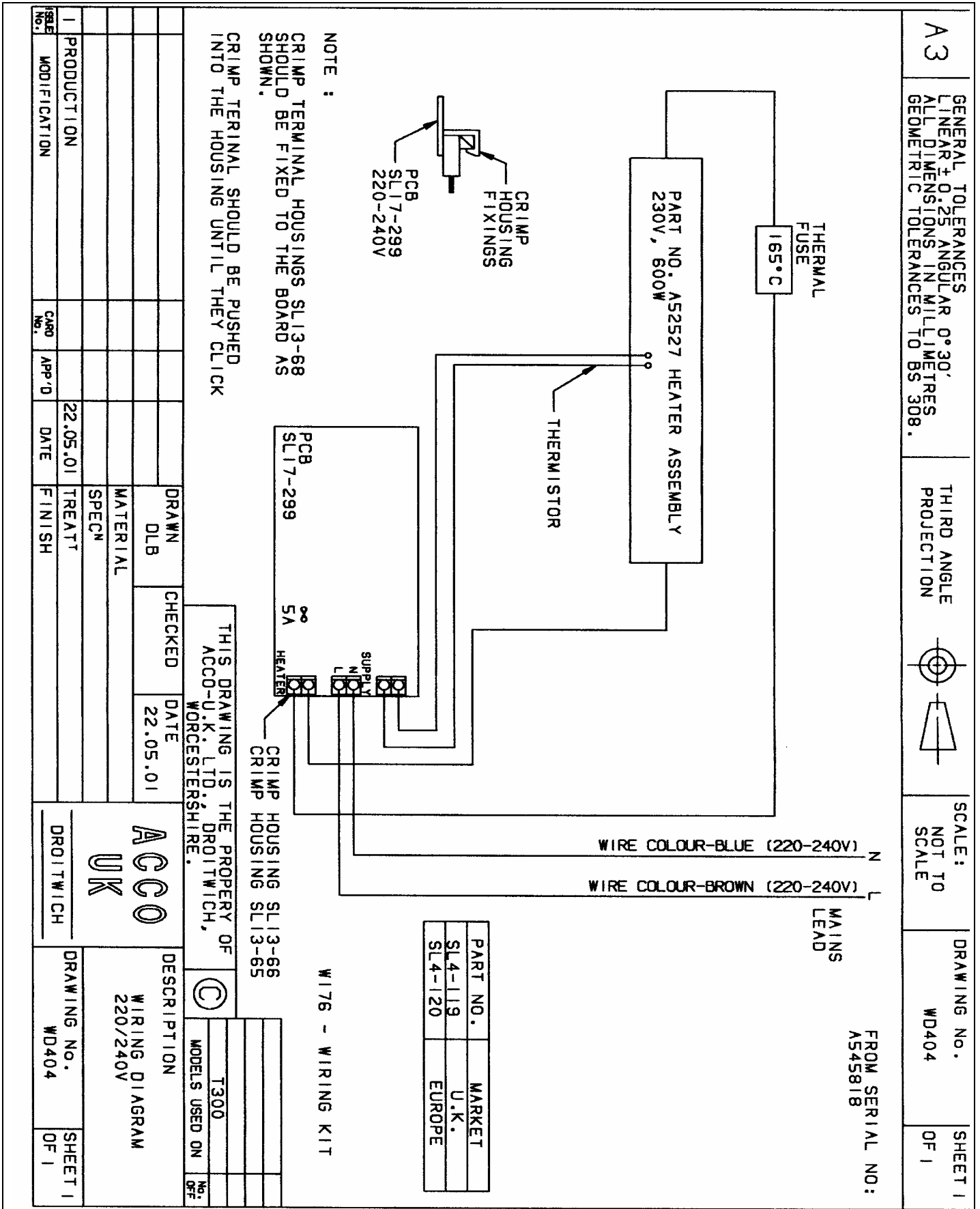
8. Carry out procedures 1 to 4 section 6.
9. To remove extension spring unhook from rear screw boss and lever arm.
10. Replace spring.
11. To remove lever arm carry out procedures 1 to 4 section 6, and then 9 to 11 section 6.
12. To remove document support bar, carry out procedures 1 to 5 section 6.0 and procedures 9 to 14 in section 6.0.
13. Replace document support bar.
14. Reassemble machine by reversing above operations.

SECTION 9.1

Replacement of Buttons

4. Carry out procedures 1 to 8 section 6.0.
5. Replace the buttons, making sure that the grey button is in the aperture marked 1, the red button is In the aperture marked 0, the yellow button is in the aperture marked ? and the green button in the aperture marked .
6. Reverse procedure 1 to reassemble machine.

WIRING DIAGRAM 220/240V WD404 (From Serial No A545818)



SECTION 11.0

SPECIFICATION SHEET

T300

POWER SUPPLY	220/240V 50Hz
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HEIGHT	95 mm
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WIDTH	370 mm
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DEPTH	220 mm
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WEIGHT	2 Kgs
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MACHINE POWER	600W
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DOCUMENT SIZE MAX	A4
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AMENDMENT RECORD SHEET

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